CONTENTS, VOLUME 32

July-August 1987

1 MAJOR REVIEW. **Optic Nerve Hypoplasia**. Scott R. Lambert, M.D., Creig S. Hoyt, M.D., and Michael H. Narahara

10 MAJOR REVIEW. **Acquired Dyschromatopsias**. William M. Hart, M.D., Ph.D.

32 MEDICOLEGALITIES. **Some Legal Decisions Significant for Ophthalmology**. Jerome W. Bettman, M.D., and Dan J. Tennenhouse, M.D., J.D.

35 CURRENT RESEARCH. **Anatomy of the Optic Nerve Head and Glaucomatous Optic Neuropathy**. Ronald L. Radius, M.D.

45 CLINICAL CHALLENGES. **Retinitis Pigmentosa. A Mimic of Neurologic Disease**. David G. Heidemann, M.D., and Roy W. Beck, M.D.

52 HISTORY OF OPHTHALMOLOGY. **Frick's Treatise on the Diseases of the Eye**. Daniel M. Albert, M.D.

58 BOOK REVIEWS

58 **Anterior Segment Surgery, by Walter J. Stark, M.D., Arlos C. Terry, M.D., and A. Edward Maumenee, M.D.** Maurice Luntz, M.D.

59 **A Difficult Balance: Editorial Peer Review and Medicine, by Stephen Lock, M.B., F.R.C.P.** Bernard Schwartz, M.D., Ph.D.

60 **Clinical Atlas of Glaucoma, by E. Michael Van Buskirk, M.D.** Janet B. Serle, M.D.

61 CURRENT OPHTHALMOLOGY

61 Chandler Dawson, M.D., comments on: **Assessment of Neonatal Conjunctivitis With a Direct Immunofluorescent Monoclonal Antibody Stain for Chlamydia, by P.A. Rapoza et al**

62 Stephen J. Bogan, M.D., and John W. Simon, M.D., comment on: **Abnormalities of the Central Visual Pathways in Prader-Willi Syndrome Associated With Hypopigmentation, by J. Creel et al**

63 Ronald M. Burde, M.D., and John B. Selhorst, M.D., comment on: **Visual Changes Mediated by Beer in Retrobulbar Neuritis -- An Investigative Case Report, by S.L. Alvarez et al**

64 Burton J. Kushner, M.D., comments on: **Adaptive Changes of the Otolith-Ocular Reflex After Injury to the Trochlea, by G. Kommerell and U. Klein**

65 Harry A. Quigley, M.D., comments on: **Computerized Enhancement of Retinal Nerve Fiber Layer, by E. Peli et al**

66 Kenneth W. Wright, M.D., comments on: **Divergence Pseudoparalysis: A Case Report, by M. Nardi et al**

66 Thomas L. Slamovits, M.D., comments on: **Trihexphenidyl Treatment of Vertical Pendular Nystagmus, by Y. Herishanu and Z. Louzoun**

67 Thomas R. Mazzocco, M.D., comments on: **Pathology Report on the Foldable Silicone Posterior Chamber Lens, by J.B. Crawford and G.D. Faulkner**

68 Greg Keith, M.D., comments on: **The Significance of Minor Defects of Visuai Acuity in School Children: Implications for Screening and Treatment, by S.L. Stewart-Brown and R. Brewer**

69 Jerry Shields, M.D., comments on: **Results After ß-irradiation ($^{106}Ru/^{106}Rh$) of Choroidal Melanomas: 20 Years' Experience, by P.K. Lommatzsch**

70 Gary S. Rubin, Ph.D., M.D., comments on: **The Development and Evaluation of a Reading Test for Low Vision Individuals with Macular Loss, by J. Baldasare, G.R. Watson, S.G. Whittaker, and H. Miller-Shaffer**

71 John McCrary, M.D., comments on: **Irradiation of Meningiomas of the Intracranial Anterior Visual Pathway, by M.J. Kupersmith, F.A. Warren, J. Newall, and J. Ransohoff**

72 Walter Stern, M.D., comments on: **Gas Vitrectomy in a Primate Model, by H Lincoff, I. Kreissig, F. Jakobiec, et al**

September-October 1987

73 MAJOR REVIEW. **Malignant Glaucoma**. Maurice H. Luntz, M.D., and Marc Rosenblatt, M.D.

94 DIAGNOSTIC AND SURGICAL TECHNIQUES. **Management of Noninfectious Corneal Ulcers**. Paul B. Donzis, M.D., and Bartly J. Mondino, M.D.

111 THERAPEUTIC REVIEW. **Tobramycin in Ophthalmology**. Kirk R. Wilhelmus, M.D., Michael L. Gilbert, M.D., and Michael S. Osato, Ph.D.

123 CLINICAL PATHOLOGICAL REVIEW. **Vitreous Hemorrhage Secondary to Age-Related Macular Degeneration**. Joseph M. Googe, M.D., Tatsuo Hirose, M.D., David J. Apple, M.D., and Salomon Melgen, M.D.

131 HISTORY OF OPHTHALMOLOGY. **Lest We Forget: Notes on Reading Verhoeff's Early Correspondence**. David G. Cogan, M.D.

136 CLINICAL CHALLENGES. **Orbital Apex Syndrome**. William H. Bray, M.D., Joseph Giangiacomo, M.D., and Carl H. Ide, M.D

141 AFTERIMAGES. **Pontine Infarction: Angiography and Magnetic Resonance Imaging**. Robert S. Baker, M.D., and W. Allen Carr, M.D.

144 BOOK REVIEWS

144 **Automated Visual Field Testing, by David E. Silverstone, M.D., and Jay Hirsch, Ph.D.** J.S. Lustgarten, M.D.

144 **Textbook of Glaucoma, Second Ed., by M. Bruce Shields, M.D.** Bernard Becker, M.D.

145 CURRENT OPHTHALMOLOGY

145 Earl Palmer, M.D., comments on: **Cryotherapy for Retinopathy of Prematurity: Timing of Intervention, by N.W. Hindle**

146 William T. Shults, M.D., comments on: **Opsoclonus in Adults: Report of Three Cases and Review of the Literature, by K.B. Digre, M.D.**

146 James C. Ahn, M.D., comments on: **Occurrence of Strabismus in Infants Born to Drug-Dependent Women, by L.B. Nelson, S. Ehrlich, J.H. Calhoun, et al**

147 Melvin R. Carlson, M.D., comments on: **Persistent Behavioural Blindness After Early Visual Deprivation and Active Visual Rehabilitation: A Case Report, by S. Carlson, L. Hyvarinen, and A. Raninen**

148 TIME OPH. **A.P.E. (Acute Perimeter Exhaustion Syndrome)**. Ben Milder, M.D.

November-December 1987

149 MAJOR REVIEW. **Wound Healing in Glaucoma Filtering Surgery**. Gregory L. Skuta, M.D., and Richard K. Parrish II, M.D.

171 DIAGNOSTIC AND SURGICAL TECHNIQUES. **Neodymium: YAG Laser Iridotomy**. Michael V. Drake, M.D.

178 REVIEWS IN MEDICINE. **Contemporary Antihypertensive Therapy**. Alan B. Weder, M.D., and Andrew J. Zweifler, M.D.

189 PERSPECTIVES IN REFRACTION. **Progressive Power Lenses**. Benjamin Milder, M.D., and Melvin L. Rubin, M.D.

199 THERAPEUTIC REVIEW. **Gonococcal Keratoconjunctivitis**. Saul Ullman, M.D., Thomas J. Roussel, M.D., and Richard K. Forster, M.D.

209 CURRENT RESEARCH. **Role of Free Radicals in Uveitis**. Narsing A. Rao, M.D., Jorge L. Romero, M.D., Mary Ann D. Fernandez, M.D., Alex Sevanian, Ph.D., and George E. Marak, Jr., M.D.

214 HISTORY OF OPHTHALMOLOGY. **A Nineteenth Century View of the Optic Commissure**. Thomas M. Reynolds, M.D.

217 CURRENT OPHTHALMOLOGY.

217 Alexander Irvine, M.D., comments on: **Ophthalmic Evaluation of Long-Term Survivors of Childhood Acute Lymphoblastic Leukemia, by R. G. Weaver, Jr., A.R. Chauvenet, T.J. Smith, and A.C. Schwartz**

217 James J. Corbett, M.D., comments on: **Visual Loss in Pseudotumor Cerebri: Incidence and Defects Related to Visual Field Strategy, by M. Wall and D. George**

218 TIME OPH. **The Hex**. Benjamin Milder, M.D.

January-February 1988

219 MAJOR REVIEW. **The Pregnant Woman's Eye**. Janet S. Sunness, M.D.

239 MAJOR REVIEW. **Epidemiologic Aspects of Uveal Melanoma**. Kathleen M. Egan, M.P.H., Johanna M. Seddon, M.D., Robert J. Glynn, Sc.D., Ph.D., Evangelos S. Gragoudas, M.D., and Daniel M. Albert, M.D.

252 CURRENT RESEARCH. **Solar Radiation and Age-related Macular Degeneration**. Richard W. Young, Ph.D.

270 DIAGNOSTIC AND SURGICAL TECHNIQUES. **Pneumatic Retinopexy**. Paul E. Tornambe, M.D.

282 REMEMBRANCES OF THINGS PAST. **The Ophthalmic Knowledge Assessment Program (OKAP): A Personal View**. Melvin L. Rubin, M.D.

288 BOOK REVIEWS

288 **Oculoplastic Surgery, Ed. 2, edited by Clinton D. McCord, Jr., and Myron Tanenbaum**. Jemshed A. Khan, M.D.

288 **Corneal Surgery Theory, Technique and Tissue, by Frederick S. Brightbill, M.D.** Michael J. Newton, M.D.

289 **Surgical Reconstruction in the Anophthalmic Orbit, by Lars M. Vistnes, M.D.** Rene S. Rodriguez-Sains, M.D.

290 **Ophthalmic Technology: A Guide for the Eye Care Assistant, by Stephen J. Rhode and Stephen P. Ginsberg.** Sheila Hays, C.O.T.

291 CURRENT OPHTHALMOLOGY

291 Myles M. Behrens, M.D., comments on: **Post-traumatic See-saw Nystagmus Abolished by Ethanol Ingestion, by L. Frisen and C. Wiklelso**

292 Walter M. Jay, M.D., comments on: **Tobacco-Induced Primary Position Upbeat Nystagmus, by P.A. Sibony, L.C. Evinger, and K.A. Manning**

292 William Tasman, M.D., comments on: **Retinopathy of Prematurity: Risk Factors in a Five-Year Cohort of Critically Ill Premature Neonates, by D.R. Brown, J.R. Milley, U. J. Ripepi, and A.W. Biglan**

293 H. Richard McDonald, M.D., comments on: **Characteristics of the Capillary-Free Zone in the Normal Human Macula, by L. Wu, Z. Huang, D.Wu, and E. Chan**

293 Lanning Kline, M.D., comments on: **Eye-Movement Disorders in Brain-Stem and Cerebellar Stroke, by J. Bogousslavsky and O. Meienberg**

294 TIME OPH. **Ophtho Rap**. Durriya Esaa

March-April 1988

297 MAJOR REVIEW. **Posterior Scleritis**. William E. Benson, M.D.

317 MAJOR REVIEW. **Coats'-type Retinitis Pigmentosa**. Jemshed A. Khan, M.D., Carl H. Ide, M.D., and Mary P. Strickland, M.D.

333 CURRENT RESEARCH. **Galactose and Cataract**. Dwight Stambolian, M.D., Ph.D.

350 CLINICAL CHALLENGES. **To Image Or Not To Image.** John W. Gittinger, Jr., M.D. **Comments** by John L. Keltner, M.D., Neil R. Miller, M.D., and Ronald M. Burde, M.D.

357 PERSPECTIVES IN REFRACTION. Avoiding Refractive Problems in Cataract Surgery. Jack T. Holladay, M.D., and Melvin L. Rubin, M.D.

361 HISTORY OF OPHTHALMOLOGY. **Radiography of the Eye and Orbit: A Historical Overview**. Jeffrey L. Taveras, M.D., and Barrett G. Haik, M.D.

369 CURRENT OPHTHALMOLOGY

369 Barrett Katz, M.D., comments on: **The Non-benign Aspects of Migraine, by M.J. Kupersmith, F.A. Warren, and W.K. Hass**

370 Richard Lewis, M.D., comments on: **Gene for von Recklinghausen Neurofibromatosis is in the Pericentromeric Region of Chromosome 17, by L.D. Barker, E. Wright, K. Nguyen, et al**

371 Alfred Sommer, M.D., comments on: **Risk Factors for Developing Mild Nutritional Blindness in Urban Bangladesh, by B.F. Stanton, J.D. Clemens, B. Wojtyniak, and T. Khair**

372 Frank Billson, M.D., comments on: **Cognitive Functioning in Albino Children, by G.F. Cole, P. Conn, R.B. Jones, et al**

374 TIME OPH. **The Little Man Who Wasn't There**. Benjamin Milder, M.D.

May-June 1988

375 MAJOR REVIEW. **Age-related Macular Degeneration.** Neil M. Bressler, M.D., Susan B. Bressler, M.D., and Stuart L. Fine, M.D.

414 PERSPECTIVES IN REFRACTION. **Refraction Problems After Refractive Surgery**. J. James Rowsey, M.D., and Melvin L. Rubin, M.D.

421 AFTERIMAGES. **Monoclonal Antibodies to Intermediate Filament Proteins: Diagnostic Specificity in Orbital Pathology.** Thomas D. Lindquist, M.D., Ph.D., James C. Orcutt, M.D., Ph.D., and Allen M. Gown, M.D.

427 HISTORY OF OPHTHALMOLOGY. **Functional Hemianopsia: A Historical Perspective.** John W. Gittinger, M.D.

433 MEDICOLEGALITIES. **A Lexicon for the Expert Witness and Defendant**. Jerome W. Bettman, M.D.

435 CURRENT OPHTHALMOLOGY

435 J. Bronwyn Bateman, M.D., comments on : **A Genetic Linkage Study of Choroideremia, by M. Jay, A.F. Wright, J.F. Clayton, et al**

436 Creig S. Hoyt, M.D., comments on: **Visual-Ocular Control of Normal and Learning-Disabled Children, by H.J. Polatajko**

437 Stuart R. Seiff, M.D., comments on: **Treatment of Ptosis in Chronic Progressive External Ophthalmoplegia, by C.M. Lane, and J.R.O. Collins**

437 Simmons Lessell, M.D., comments on: **Retinal Venous Sheathing in Optic Neuritis: Its Significance for the Pathogenesis of Multiple Sclerosis, by S. Lightman, W.I. McDonald, A.C. Bird, et al**

438 James A. Sharpe, M.D., comments on: **Visual Fixation Stability in Older Adults, by W. Kosnik, J. Fikre, and R. Sekuler**

439 David Sevel, M.D., Ph.D., comments on: **Histologic Consequences of Inferior Oblique Anastomosis to Denervated Lateral Rectus Muscle, by S. Christiansen, M. Madhat, and R.S. Baker**